



ABMSP'S  
**Anantrao Pawar College of Engineering &  
Research, Pune-09**



**INTERNSHIP REVIEW**

**“Web Development”**

Presented by  
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# ABMSP'S

## Anantrao Pawar College of Engineering & Research, Pune-09



### Internship Place Details –

**CodSoft are IT services and IT consultancy that specializes in creating innovative solutions for businesses. We are passionate about technology and believe in the power of software to transform the world. Our internship program is just one of the ways in which we are investing in the future of the industry.**

**At CodSoft, we believe practical knowledge is the key to success in the tech industry. Our aim is to help students lacking basic skills by offering hands-on learning through live projects and real-world examples.**

# Web Development

Web development involves creating and maintaining websites and web applications. It encompasses various aspects, including web design, coding, programming, and server-side management. Front-end web development focuses on the visual aspects and user interface of a website, using technologies like HTML, CSS, and JavaScript. Back-end web development involves server-side programming and database management, using languages like Python, PHP, Ruby, and frameworks like Django, Flask, Ruby on Rails, etc. Full-stack development combines both front-end and back-end development skills to create fully functional web applications. Web development is dynamic and constantly evolving, with new technologies and frameworks emerging regularly. It's a versatile and in-demand field with diverse career opportunities.

# Problem Statement

The ongoing evolution of web development frameworks and technologies is driving a shift towards more interactive and responsive web experiences, necessitating continuous learning and adaptation among developers to meet the ever-changing demands of modern digital environments.

# Objectives/Motivation

## Objectives:

1. Create user-friendly and intuitive websites or web applications that provide a positive user experience.
2. Develop responsive and mobile-friendly designs to ensure compatibility across various devices and screen sizes.
3. Implement robust security measures to protect sensitive data and prevent unauthorized access or breaches.

## Motivations:

1. Passion for creating innovative and visually appealing web experiences that engage users.
2. Desire to solve complex technical challenges and explore new technologies and frameworks.
3. Commitment to delivering high-quality solutions that meet or exceed client expectations.

# Scope

## 1. Front-End Development :

- Creating the visual elements of websites and web applications using HTML, CSS, and JavaScript.
- Implementing responsive design techniques to ensure compatibility across various devices and screen sizes.

## 2. Back-End Development :

- Building server-side logic and functionality using programming languages like Python, Ruby, PHP, or Node.js.
- Designing and managing databases to store and retrieve data efficiently.

## 3. Full-Stack Development :

- Combining front-end and back-end development skills to create end-to-end solutions.
- Managing the entire web development process from concept to deployment.
- Integrating various technologies and frameworks to build comprehensive web applications.

# Methodological Details

Web development methodologies are structured approaches used by developers and teams to plan, execute, and manage the process of creating websites or web applications.

**LEVEL 1**

**TASK**

**1**

## **LANDING PAGE**

A landing page is an ideal web development project for beginners. It requires basic knowledge of HTML and CSS. Through this project, you'll learn to create columns, divide sections, arrange items, and add headers and footers. The most important aspect is unleashing your creativity to design an impressive page. Pay attention to alignments, padding, color palette, boxes, and other elements. Be mindful of CSS to avoid overlapping elements. In short, a landing page project allows you to apply HTML and CSS skills, encouraging your creativity while ensuring a visually appealing and user-friendly design.

**FOR DEMO**

**[CLICK HERE](#)**



# LEVEL 1 TASK

## PORTFOLIO

2

**Creating a personal portfolio using CSS and HTML is a popular beginner web development project.**

**Header Section:** Add your name or a logo at the top.  
Optionally, include a brief introduction or tagline.

**About Section:** Insert an image of yourself.  
Write a short bio highlighting your skills and experience.

**Skills Section:** List your key skills or areas of expertise.

**Projects Section:** Showcase samples of your work or projects.  
Include project titles, descriptions, and images.

**Resume Section:** Provide a link to download your resume in PDF format.

**Contact Section:** Include your contact information, such as email address and phone number.

**Footer:** Add a copyright notice and any additional links or information.

**FOR DEMO [CLICK HERE](#)**

# LEVEL 1 TASK

3

## CALCULATOR

To create a basic calculator using CSS, HTML, and JavaScript, you'll need to implement an interactive interface with buttons for addition, subtraction, multiplication, and division operations. The calculator should have a display screen to show user input and results. Utilize CSS grid system for button alignments. Use event listeners, if-else statements, operators, and loops to handle user input and perform calculations. This project requires some skill but can be done with basic knowledge of these technologies..

**FOR DEMO [CLICK HERE](#)**

## INTERNSHIP OFFER LETTER

Date : 10/02/2024

ID:CS11WX182344

Dear,

**Nupur Nandkumar Gosavi**

We would like to congratulate you on being selected for the “**Web Development**” virtual internship position with “**CodSoft**”. We at **CodSoft** are excited that you will join our team.

The duration of the internship will be of **4 weeks**, starting from **10 February 2024 to 10 March 2024**. The internship is an educational opportunity for you hence the primary focus is on learning and developing new skills and gaining hands-on knowledge. We believe that you will perform all your tasks/projects.

As an intern, we expect you to perform all assigned tasks to the best of your ability and follow any lawful and reasonable instructions provided to you.

We are confident that this internship will be a valuable experience for you, we look forward to working with you and helping you achieve your career goals.

By accepting this offer, you commit to executing assigned tasks diligently and ensuring excellence in all aspects of your work.

Best of Luck!

**Thank You!**



**Founder (CodSoft)**



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